SEQUENCE LISTING

<110> WEI, Ming-Hui et al.

<120> ISOLATED HUMAN TRANSPORTER PROTEINS,
  NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
  AND USES THEREOF

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<140> US 09/691,219
<141> 2000-10-19

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<213> Homo sapiens

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\<210> 4
\<211> 358
\<212> PRT
\<213> Rattus norvegicus

\<400> 4

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Ile Pro Pro Val Asn Leu Pro Ser Val Glu Leu Ala Val Gln Ser Asn
                20                  25                  30
His Tyr Cys His Ala Gln Lys Asp Ser Gly Ser His Pro Asn Ser Glu
            35                  40                  45
Lys Gln Arg Ala Arg Arg Lys Leu Tyr Val Ala Ser Ala Ile Cys Leu
        50                  55                  60
Val Phe Met Ile Gly Glu Ile Ile Gly Gly Tyr Leu Ala Gln Ser Leu
65                  70                  75                  80
Ala Ile Met Thr Asp Ala Ala His Leu Leu Thr Asp Phe Ala Ser Met
                85                  90                  95
Leu Ile Ser Leu Phe Ser Leu Trp Val Ser Ser Arg Pro Ala Thr Lys
               100                 105                 110
Thr Met Asn Phe Gly Trp Gln Arg Ala Glu Ile Leu Gly Ala Leu Leu
           115                 120                 125
Ser Val Leu Ser Ile Trp Val Val Thr Gly Val Leu Val Tyr Leu Ala
       130                 135                 140
Val Gln Arg Leu Ile Ser Gly Asp Tyr Glu Ile Lys Gly Asp Thr Met
145                 150                 155                 160
Leu Ile Thr Ser Gly Cys Ala Val Ala Val Asn Ile Ile Met Gly Leu
               165                 170                 175
Ala Leu His Gln Ser Gly His Gly His Ser His Gly His Ser His Glu
           180                 185                 190
Asp Ser Ser Gln Gln Gln Gln Asn Pro Ser Val Arg Ala Ala Phe Ile
       195                 200                 205
His Val Val Gly Asp Leu Leu Gln Ser Val Gly Val Leu Val Ala Ala
   210                 215                 220
Tyr Ile Ile Tyr Phe Lys Pro Glu Tyr Lys Tyr Val Asp Pro Ile Cys
225                 230                 235                 240
```

```
Thr Phe Leu Phe Ser Ile Leu Val Leu Gly Thr Thr Leu Thr Ile Leu
            245                     250                     255
Arg Asp Val Ile Leu Val Leu Met Glu Gly Thr Pro Lys Gly Val Asp
            260                     265                     270
Phe Thr Thr Val Lys Asn Leu Leu Leu Ser Val Asp Gly Val Glu Ala
            275                 280                 285
Leu His Ser Leu His Ile Trp Ala Leu Thr Val Ala Gln Pro Val Leu
            290                 295                 300
Ser Val His Ile Ala Ile Ala Gln Asn Val Asp Ala Gln Ala Val Leu
305                         310                 315                 320
Lys Val Ala Arg Asp Arg Leu Gln Gly Lys Phe Asn Phe His Thr Met
                    325                     330                 335
Thr Ile Gln Ile Glu Ser Tyr Ser Glu Asp Met Lys Ser Cys Gln Glu
                340                     345                 350
Cys Gln Gly Pro Ser Glu
            355
```